



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

August 14, 2017

Addendum No. 2

RE: **JOHNSTON COUNTY PIPE REPLACEMENT**

To Whom It May Concern:

Reference is made to the above-mentioned project. The following changes/additions/deletions have been made:

- The Project Special Provision for the Construction of Pipe and Headwalls has been revised to coincide with the change to the Bid Items. Payment for installation of Department supplied pipe and headwalls will be paid per each site. Please replace the Project Special Provision for the Construction of Pipe and Headwalls found on page 36 of the proposal with the attached revised Construction of Pipe and Headwalls.
- The bid forms have been revised to reflect the changes to the Quantity and Unit of each Site. Please replace the Bid Forms found on pages 104 through 107 of the proposal with the attached revised Bid Forms.

This sheet and attachments shall be made a part of the plans and bid documents and shall be submitted with the bid. Bids submitted without the addenda and attachments will be considered non-responsive.

If there are any questions, please contact me at (252) 640-6416.

Sincerely,

DocuSigned by:

BC8FF3BCFE014EA...
8/14/2017

J. Charles Cauley
Division Four Contracts and Proposals Engineer

JCC/vpg
Attachments

Mailing Address:
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DIVISION FOUR OFFICE
POST OFFICE BOX 3165
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Page 3-3, Article 300-7, Backfilling, lines 37-38, in the first and second sentences of the fifth paragraph, replace “Excavatable flowable fill” with “Flowable fill”.

CONSTRUCTION OF PIPE & HEADWALLS:

Pipe (aluminum pipe, culvert, headwalls, and tiebacks) shall be installed per Section 305 of the *Standard Specifications*, or instructions provided by the pipe supplier. Care must be taken by contractor to prevent damage to pipe and materials. Materials used for installation will be paid for by ton, square yard, or cubic yard such as Foundation Conditioning Material, Foundation Conditioning Geotextile, Aggregate Base Course, and Borrow Excavation.

The Contractor will provide stone meeting the gradation of 57 in Section 1005-4 and Table 1005-1 of the *2012 Standard Specifications* for the foundation and locations below the springline of the proposed culvert that are difficult to compact. At locations above the culvert springline – with approval of the Engineer, provide, place, and compact stone meeting the gradation of ABC in Section 1005-4 and Table 1005-1 of the *2012 Standard Specifications* or borrow from an approved source.

At locations where temporary repairs have been made so the road is currently open to traffic, the Contractor shall retain and reuse all material that the Engineer deems to be suitable for backfill of the proposed pipe and headwall. Unsuitable material shall be removed and disposed of according to the “Excavation” provision.

For locations requiring aluminum structural plate or aluminum box culvert structures, the Contractor is responsible for assembly of the pipe and the headwalls.

For locations requiring corrugated metal pipe or corrugated metal pipe arches, the Contractor is responsible for joining the Department supplied pipes and Department supplied headwalls with pipe bands or other acceptable means during installation.

Perform the required pipe construction for this project in accordance with the applicable requirements of the contract and *2012 Standard Specifications*. The contractor will install **Department supplied pipe** in locations specified by the Engineer.

Perform the required headwall construction for this project in accordance with the applicable requirements of the contract and *2012 Standard Specifications*. **The Department will supply and fabricate headwalls that are to be installed by the Contractor.** Completed headwalls for corrugated metal pipe and corrugated metal pipe arches will be fabricated and attached to a stub of corresponding pipe size. Headwalls for aluminum structural plate or aluminum box culverts may be welded to a segment of arch plate material or bolted to a segment of arch plate material; the Contractor is responsible for headwall assembly for aluminum structural plate and aluminum box culvert structures.

Payment for installation of Department supplied pipe and Department fabricated and supplied headwalls will be paid per each site. Such price shall be full compensation for all labor, incidentals, and equipment required for construction.

North Carolina Dept. of Transportation Bid Form

ITEM	SECT	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT BID
1	SP	MOBILIZATION	15	EA		
2	SP	BACK HOE	40	HR		
3	SP	EXCAVATOR	80	HR		
4	SP	PIPE TRANSPORT	40	HR		
5	200	CLEARING AND GRUBBING	0.25	ACR		
6	230	BORROW EXCAVATION	250	CY		
7	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	2,000	SY		
8	SP	EXCAVATION	800	CY		
9	270	GEOTEXTILE FOR SOIL STABILIZATION	300	SY		
10	300	FOUNDATION CONDITIONING MATERIAL, MINOR STURCTURES	900	TON		
11	300	FOUNDATION CONDITIONING GEOTEXTILE	900	SY		
12	520	AGGREGATE BASE COURSE	5,000	TON		
13	SP	SITE 17 - INSTALLATION OF NCDOT PROVIDED DUAL 56 LF OF 112" X 75" CMPA w/ 90 LF OF HEADWALLS	1	EA		
14	SP	SITE 18 - INSTALLATION OF NCDOT PROVIDED 45 LF OF 95" X 67" CMPA w/ 54 LF OF HEADWALLS	1	EA		
15	SP	SITE 40 - INSTALLATION OF NCDOT PROVIDED DUAL 45 LF OF 54" CMP w/ 54 LF OF HEADWALLS	1	EA		
16	SP	SITE 51 - INSTALLATION OF NCDOT PROVIDED 45 LF OF 84" CMP w/ 45 LF OF HEADWALLS	1	EA		

North Carolina Dept. of Transportation Bid Form Cont.

ITEM	SECT	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT BID
17	SP	SITE 76 - INSTALLATION OF NCDOT PROVIDED 48 LF OF 54" CMP w/ 54 LF OF HEADWALLS	1	EA		
18	SP	SITE 88 - INSTALLATION OF NCDOT PROVIDED 76 LF OF 54" CMP w/ 81 LF OF HEADWALLS	1	EA		
19	SP	SITE 122 - INSTALLATION OF NCDOT PROVIDED 49.5 LF OF 20'-3" X 8'-5" AABC w/ 87 LF OF HEADWALLS	1	EA		
20	SP	SITE 125 - INSTALLATION OF NCDOT PROVIDED 45 LF OF 87" X 63" CMPA w/ 54 LF OF HEADWALLS	1	EA		
21	SP	SITE 131 - INSTALLATION OF NCDOT PROVIDED 45 LF OF 21'-7" X 4'-11" AABC w/ 90 LF OF HEADWALLS	1	EA		
22	SP	SITE 155 - INSTALLATION OF NCDOT PROVIDED 44 LF OF 66" X 51" CMPA w/ 45 LF OF HEADWALLS	1	EA		
23	SP	SITE 174 - INSTALLATION OF NCDOT PROVIDED 49.5 LF OF 11'-4" X 7'-2" AABC w/ 63 LF OF HEADWALLS	1	EA		
24	SP	SITE 205 - INSTALLATION OF NCDOT PROVIDED 50 LF OF 81" X 59" CMPA w/ 54 LF OF HEADWALLS	1	EA		
25	SP	SITE 209 - INSTALLATION OF NCDOT PROVIDED 45 LF OF 60" CMP w/ 45 LF OF HEADWALLS	1	EA		
26	SP	SITE 230 - INSTALLATION OF NCDOT PROVIDED 49.5 LF OF 23'-0" X 6'-1" AABC w/ 81 LF OF HEADWALLS	1	EA		
27	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	300	TON		
28	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	120	TON		

North Carolina Dept. of Transportation Bid Form Cont.

ITEM	SECT	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT BID
29	610	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	170	TON		
30	620	ASPHALT BINDER FOR PLANT MIX	25	TON		
31	876	RIP RAP, CLASS B	650	TON		
32	876	GEOTEXTILE FOR DRAINAGE	600	SY		
33	SP	TRAFFIC CONTROL	15	EA		
34	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	420	DAY		
35	1605	TEMPORARY SILT FENCE	900	LF		
36	1610	SEDIMENT CONTROL STONE	3	TON		
37	1631	MATTING FOR EROSION CONTROL	600	SY		
38	SP	COIR FIBER MAT	150	SY		
39	1632	1/4" HARDWARE CLOTH	20	LF		
40	SP	SPECIAL STILLING BASIN	15	EA		
41	SP	WATTLE	160	LF		
42	SP	POLYACRYLAMIDE (PAM)	16	LB		
43	1660	SEEDING & MULCHING	1.5	ACR		
44	SP	PUMP AROUND OPERATION SITE 17	1	EA		
45	SP	PUMP AROUND OPERATION SITE 18	1	EA		
46	SP	PUMP AROUND OPERATION SITE 40	1	EA		
47	SP	PUMP AROUND OPERATION SITE 51	1	EA		

North Carolina Dept. of Transportation Bid Form Cont.

ITEM	SECT	DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT BID
48	SP	PUMP AROUND OPERATION SITE 76	1	EA		
49	SP	PUMP AROUND OPERATION SITE 88	1	EA		
50	SP	PUMP AROUND OPERATION SITE 122	1	EA		
51	SP	PUMP AROUND OPERATION SITE 125	1	EA		
52	SP	PUMP AROUND OPERATION SITE 131	1	EA		
53	SP	PUMP AROUND OPERATION SITE 155	1	EA		
54	SP	PUMP AROUND OPERATION SITE 174	1	EA		
55	SP	PUMP AROUND OPERATION SITE 205	1	EA		
56	SP	PUMP AROUND OPERATION SITE 209	1	EA		
57	SP	PUMP AROUND OPERATION SITE 230	1	EA		
58	SP	IMPERVIOUS DIKE	600	LF		

TOTAL BID FOR PROJECT: _____